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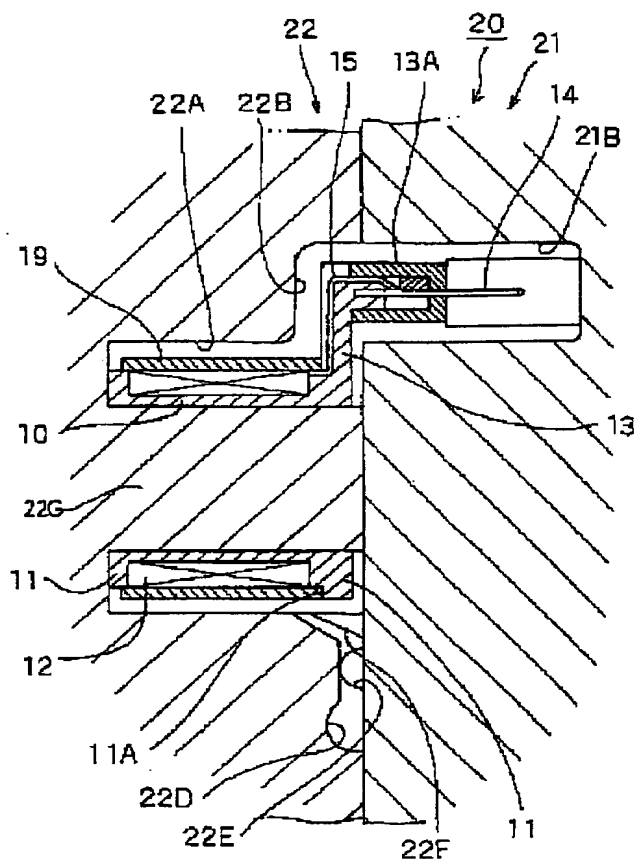
APPLICATION DATE : 15-05-98
APPLICATION NUMBER : 10133831

APPLICANT : SUMITOMO WIRING SYST LTD;

INVENTOR : OGAWA SHINJI;

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TITLE : MANUFACTURE OF COIL DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To protect a coil against deformation caused by molding pressure without increasing the molding die cost.

SOLUTION: The outer surface of a coil 12 wound on a bobbin 10 is covered with a reinforcing cylinder 19. The coil 12, the bobbin 10, and the reinforcing cylinder 19 are set in a secondary molding die 20, and molten molding material is injected into the molding die 20. At this point, a high molding pressure is locally applied to an injection space around the outer surface of the coil 12, but the coil 12 is covered with the reinforcing cylinder 19 which is hardly deformed, so that the coil 12 is prevented from being deformed by a molding pressure.

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